ΛBOUND | Predictive Insights

Carrier

Part Number: ADD-IPCREDIT

Advanced Analytics Solution for Predictive Maintenance

Abound™ Predictive Insights is a predictive maintenance solution for connected rooftop units, air handlers, chillers, and VAV systems. Abound Predictive Insights combines advanced data analysis of your building's HVAC equipment with advisory services from our team of experts.

Using Artificial Intelligence (AI), the Abound Predictive Insights solution provides Carrier service providers with a snapshot of potential problems that may be occurring on the connected HVAC equipment in your facilities. This snapshot is captured on the mobile App as well as in detailed reports, and also includes recommendations for corrective actions. Carrier service providers then use this information to guide building managers on proactive maintenance strategies for their HVAC equipment, helping them reduce unplanned downtime, increase maintenance efficiencies, and reduce maintenance spend.

Key Features & Benefits

i-Vu® Connected

The Abound Predictive Insights solution is a complementary application to the i-Vu building automation system and is implemented via the CORTIX platform connector add-on. This connection allows data to securely stream from the i-Vu system to the CORTIX AI platform for analysis.

Intuitive Mobile Interface

Predictive actionable insights (PAIs) are delivered on an intuitive mobile app, available on both Android and iOS, enabling easier access to insights and corrective action recommendations. Carrier service providers can track issues and apply fixes directly on their mobile device.

Optimize Capital Expenditures

Examine the history of individual pieces of equipment to pinpoint recurring issues. Use this information to better inform on capital investment decisions.

Abound Asset Management

Abound Predictive Insights is a part of the Abound suite of solutions that tracks and predicts HVAC equipment health and performance. It is based on the latest extension of Carrier's CORTIX platform, named the "Best Predictive Analytics Platform" at the 2021 AI breakthrough awards.

The i-Vu® building automation system provides a 360° view of your building's entire operation. It's everything you need to maintain a healthy, comfortable environment for occupants, while optimizing energy usage, and resolving problems faster.
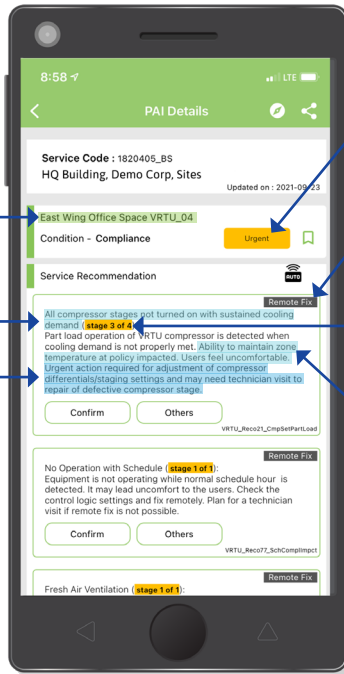
Specifications

Requirements

One "Connector for CORTIX" add-on per i-Vu® server (i-Vu v7 or later with latest cumulative patch). This add-on pushes data securely from the i-Vu BAS to the CORTIX cloud.

Equipment Types

Rooftop units, air handlers, chillers, and variable air volume (VAV) systems.

Carrier Service Provider's Mobile App

What equipment does this relate to?

East Wing Office Space VRTU_04

What is the problem?

All compressor stages not turned on with sustained cooling demand.

What should be done?

Adjustment of compressor differentials / staging settings and may need a technician visit to repair defective compressor stage.
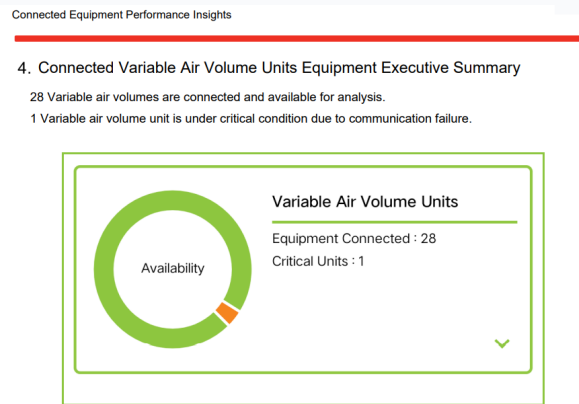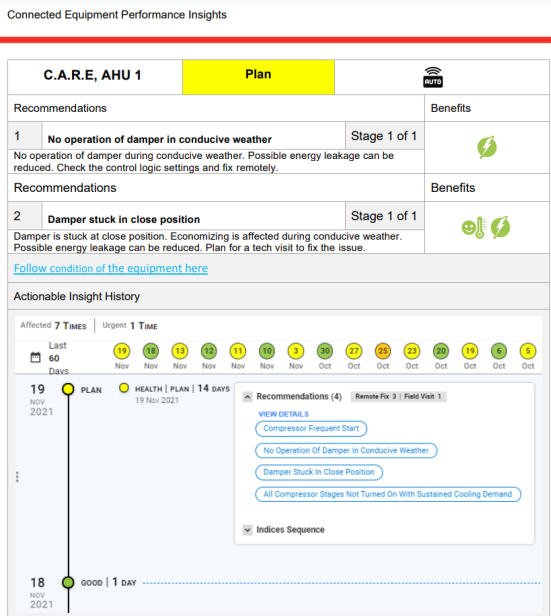

What is the urgency?

Urgent.

Can this be fixed remotely?

Remote fix.

How close is the equipment to breaking down?

Stage 3 of 4 stages.

What is the impact of the problem?

Ability to maintain zone temperature at policy impacted. Users feel uncomfortable.

Quarterly Report with Connected Equipment Performance Insights